Page 1 of 1 Subst. Form PTO-1449 Atty. Docket No.: RYLZ 2 01010 Serial No.: <del>Unknown</del> 10/665,709 Applicant(s): Reindle et al. APPLICANT'S(S') INFORMATION **DISCLOSURE STATEMENT** Filing Date: Herewith 9/19/2003 1700 Group: Unknown **U.S. PATENT DOCUMENTS** Initial\* Document No. Date Name Class Subcl. Filing Date TTS AA 5,109,566 05/1992 Kobayashi et al. TTS AB 5,279,672 01/1994 Betker et al. TTS AC 5,321,614 06/1994 Ashworth TTS AD 5,341,540 08/1994 Soupert et al. TTS ΑE 5,377,106 12/1994 Drunk et al. TTS AF 5,542,146 08/1996 Hoekstra et al. TTS AG 5,634,237 06/1997 Paranjpe TTS AH 5,940,927 08/1999 Haegermarck et al. TTS AI 6,076,277 06/2000 Schallig et al. TTS AJ 6,493,612 12/20002 Bisset et al. TTS AK 6,571,422 06/2003 Gordon et al. TTS US 2002/0189045 A1 AL 12/2002 Mori et al. FOREIGN PATENT DOCUMENTS Document No. Date Country Class Subcl. Translation? AM OTHER ART TTS Home Appliances, VACUUM CLEANERS, SG2039/D, REV 0, 04/2003, Motorola, Inc. (6 pages). AN The New York Times, www.nytimes.com, "It Mulches, Too? Robotic Mowers Gain in Appeal" by John R. TTS Quain, July 31, 2003 (3 pages). AO AP AQ

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.

09/12/2006

Date Considered:

Examiner:

AR

/Theresa Snider/

PTO/SB/08a (06-03)
Approved for use through 07/31/2003. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE e for form 1449/PTO COMPLETE IF KNOWN **Application Number** 10/665,709 Filing Date September 19, 2003 THEORMATION DISCLOSURE First Named Inventor Reindle et al. STATEMENT BY APPLICANT(S) 1744 Art Unit 3001 (Use as many sheets as necessary) **Examiner Name** Snider <del>Unknown</del> Sheet 1 of 1 Attorney Docket No. RYLZ 2 01010 **U.S. PATENT DOCUMENTS** Cite **Publication Date** Examiner Document No. Name of Patentee or Pages, Columns, Lines, Where Number-Kind Code (if known) Initials\* No. MM-DD-YYYY **Applicant of Cited Document** Relevant Passages or Relevant Figures Appear TTS AA US-6,571,415 06-03-2003 Gerber et al. AB 06 03 2003 US 6,571,422 Cordon et al: AC US-US-AD US-ΑE US-AF US-AG AH US-ΑI US-AJ US-AK US-AL US-**FOREIGN PATENT DOCUMENTS** Examiner Cite Foreign Patent Document **Publication Date** Name of Patentee or Pages, Columns, Lines, Initials\* No. Applicant of Cited Where Relevant Passages or MM-DD-YYYY Country Code-Number Kind Code (If known) **Document** Relevant Figures Appear EP 1149332 B1 AM 08-06-2003 TTS TTS WO 00/38027 06/29/2000 AN AO AP OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Examiner Cite Include name of the author (in CAPITALLETTERS), title of the article (when appropriate), title of the item Initials\* (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumeissue number(s), publisher, city and/or country where published AQ AR AS AT

		——————————————————————————————————————	
Examiner Signature	/Theresa Snider/	Date Considered	09/12/2006

AU

PTO/SB/08a (06-03)
Approved for use through 07/31/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/P A TRADEM **COMPLETE IF KNOWN** pplication Number 10/665,709 Filing Date September 19, 2003 INFORMATION DISCLOSURE First Named Inventor Reindle et al. STATEMENT BY APPLICANT(S) Art Unit 3001 1744 (Use as many sheets as necessary) **Examiner Name** Snider Hickory Sheet 1 of 1 Attorney Docket No. RYLZ 2 01010 **U.S. PATENT DOCUMENTS** Examiner Cite Document No. **Publication Date** Name of Patentee or Pages, Columns, Lines, Where Number-Kind Code (if known) MM-DD-YYYY Initials\* No. Applicant of Cited Document Relevant Passages or Relevant Figures Appear TTS AA US-6,590,222 07-08-2003 Bisset et al. TTS ΑB US-6,594,844 07-22-2003 **Jones** TTS AC US-6,671,592 12-30-2003 Bisset et al. AD US-ΑE US-US-ΑF AG US-AH US-ΑI US-US-AJ ΑK US-ΑI US-**FOREIGN PATENT DOCUMENTS** Cite Examiner Foreign Patent Document **Publication Date** Name of Patentee or Pages, Columns, Lines, Initials\* No. Applicant of Cited Where Relevant Passages or MM-DD-YYYY Country Code-Number Kind Code (# known) Document Relevant Figures Appear AM AN AO AP OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Cite Examiner Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumeissue number(s), publisher, city and/or country where published Initials\* No. AO H.R. Everett, Sensors for Mobile Robots, Theory and Application, Naval Command, Control and Ocean TTS Surveillance Center, San Diego, California, A.K. Peters, Ltd. 1995, pp. 15-17 and 93-101. TTS AR Joseph L. Jones et al., Mobile Robots, Inspiration to Implementation, Second Edition, A.K. Peters, Ltd. 1999, pp. 120-134. AS AT AU AV

		· · · · · · · · · · · · · · · · · · ·	
Examiner Signature	/Theresa Snider/	Date Considered	09/12/2006

PTO/S8/08a (06-03)
Approved for use through 07/31/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE rm 1449/PTO COMPLETE IF KNOWN **Application Number** 10/665,709 PADELLO Filing Date September 19, 2003 INFORMATION DISCLOSURE Reindle et al. First Named Inventor STATEMENT BY APPLICANT(S) Art Unit <del>2661</del> 1744 (Use as many sheets as necessary) **Examiner Name** Unknown Snider Sheet 1 of 1 Attorney Docket No. RYLZ 2 01010 **U.S. PATENT DOCUMENTS** Publication Date MM-DD-YYYY Cite Document No. Examiner Name of Patentee or Initials\* Number-Kind Code (If known) No. **Applicant of Cited Document** TTS AA US-4,558,215 12-10-1985 Kaneko et al.

TTS	AB	US-5,613,261	03-25-1997	Kawakami et al.	
_	AC	US-			
	AD	US-			
	AE	US-			
	AF	US-			
	AG	US-			
	АН	US-			
	Al	US-			
	AJ	US-			
	AK	US-			
	AL	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or		
		Country Code-Number Kind Code (if known)	MM-DD-YYYY	Applicant of Cited Document		
	AM					
	AN					
	AO					
	AD	· · · · · · · · · · · · · · · · · · ·				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumeissue number(s), publisher, city and/or country where published	T		
	AQ				
	AR				
	AS				
	AT				
· · · · · · · · · · · · · · · · · · ·	AU				
	AV				

Examiner Signature	/Theresa Snider/	Date Considered	09/12/2006

PTO/SB/08A (07-05)

Approved for use through 07/31/2005. OMB 0551-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contain a sevalid OMB control number.

INFORMATION DISCLOSURE		Complete if Known					
		Application Number			10/665,709		
		Filing Date			September 19, 2003		
STATEMENT BY APPLICANT(S)			First Named	Inventor		Reindle et al.	
SIAILI	ME141	DI AIT LIOAITI(O)	Art Unit			3661 1744	
			Examiner Na		]	<del>Unknown</del> Snider	
	She	eet 1 of 1	Attorney Doo	ket No.		RYLZ 2 01010	
			U.S. P	ATENT (	DOCUM	ENTS	
Examiner Initials*	Cite No.	Document No. Number-Kind Code (f known)		Publication Date MM-DD-YYYY		Name of Patentee or Applicant of Cited Document	
	AA	US-					
	AB	US-					
	AC	US-					
	AD	US-					
	AE	US-					
	AF	US-					
	AG	US-					
	АН	US-					
	ΑI	US-					
	AJ	US-					
			FOREIGN	I PATEN	IT DOC	JMENTS	
Examiner	Cite	Foreign Patent Doc	ument Publication Date		tion Date	e Name of Patentee or	
Initials*	No.	Country Code-Number Kind	Code (# known)	MM-D	D-YYYY	Applicant of Cited Document	
TTS	AK	WO 2005/077240		08/25/2	2005	Arcelik Anonim Sirketi	
-	AL	**					
	AM						
	AN						
		OTHE	R - NON PAT	ENT LI	TERATI	IRE DOCUMENTS	
Examiner Initials*							
	AO						
	AP					·	
	AQ						
	AR						
	AS						

· <del></del>	T		
Examiner Signature	/Theresa Snider/	Date Considered	09/12/2006